

Signal Distribution - Modifying the Kramer VM-1411

I published an article in the May 2025 publication of Practical Wireless Magazine.

Electronic viewing of the magazine, as part of a subscription, is here:
<https://pocketmags.com/eu/practical-wireless-magazine>

As necessitated by space constraints the photos in the article might be a little small to be of any use for some readers.

So here are each of the graphics and photographs in high resolution.

Samuel



Figure 1. Front and top view of the Kramer VM-1411

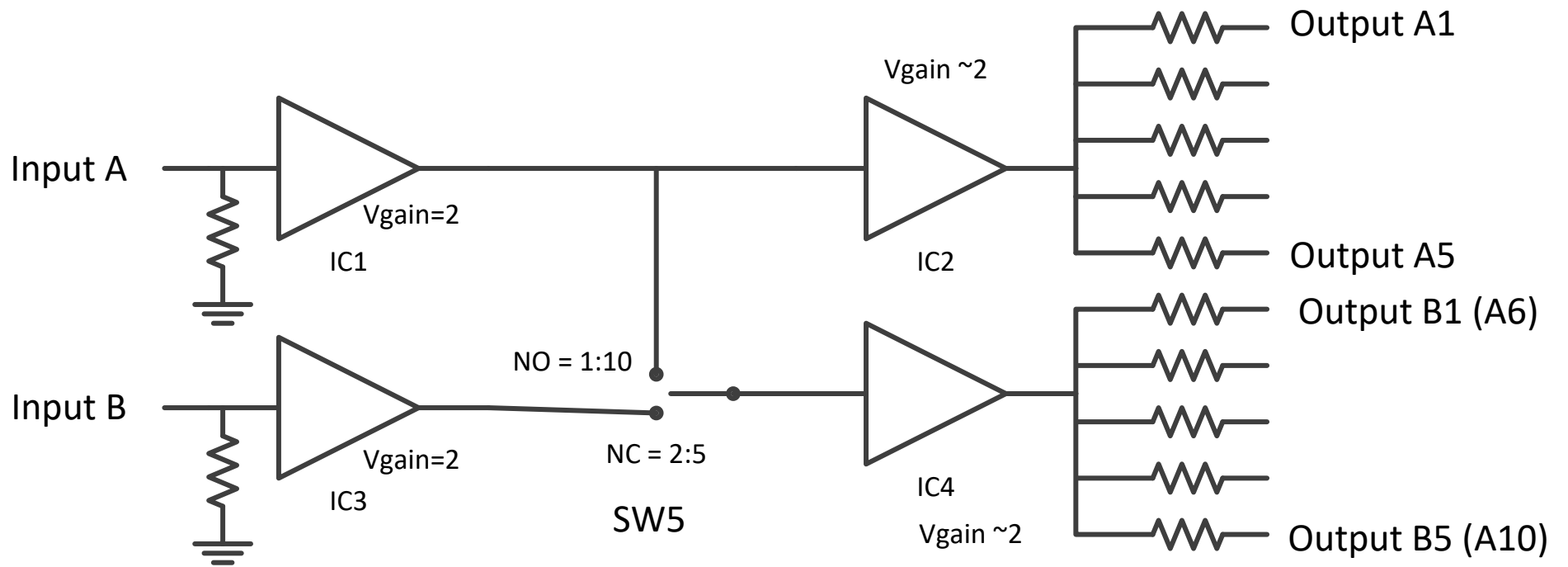


Figure 2. High Level Block diagram

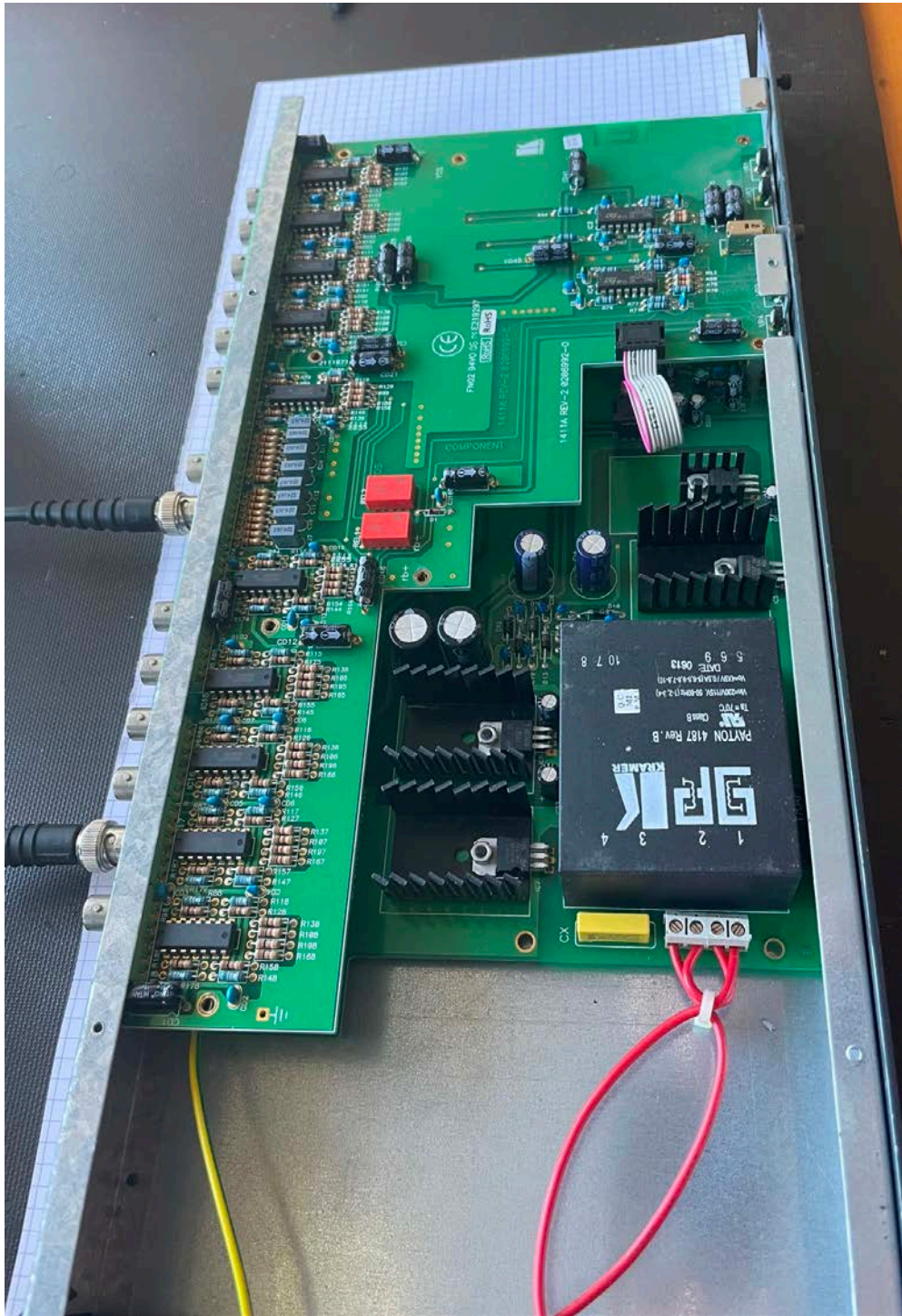


Figure 3. Inside view of two PCBs.

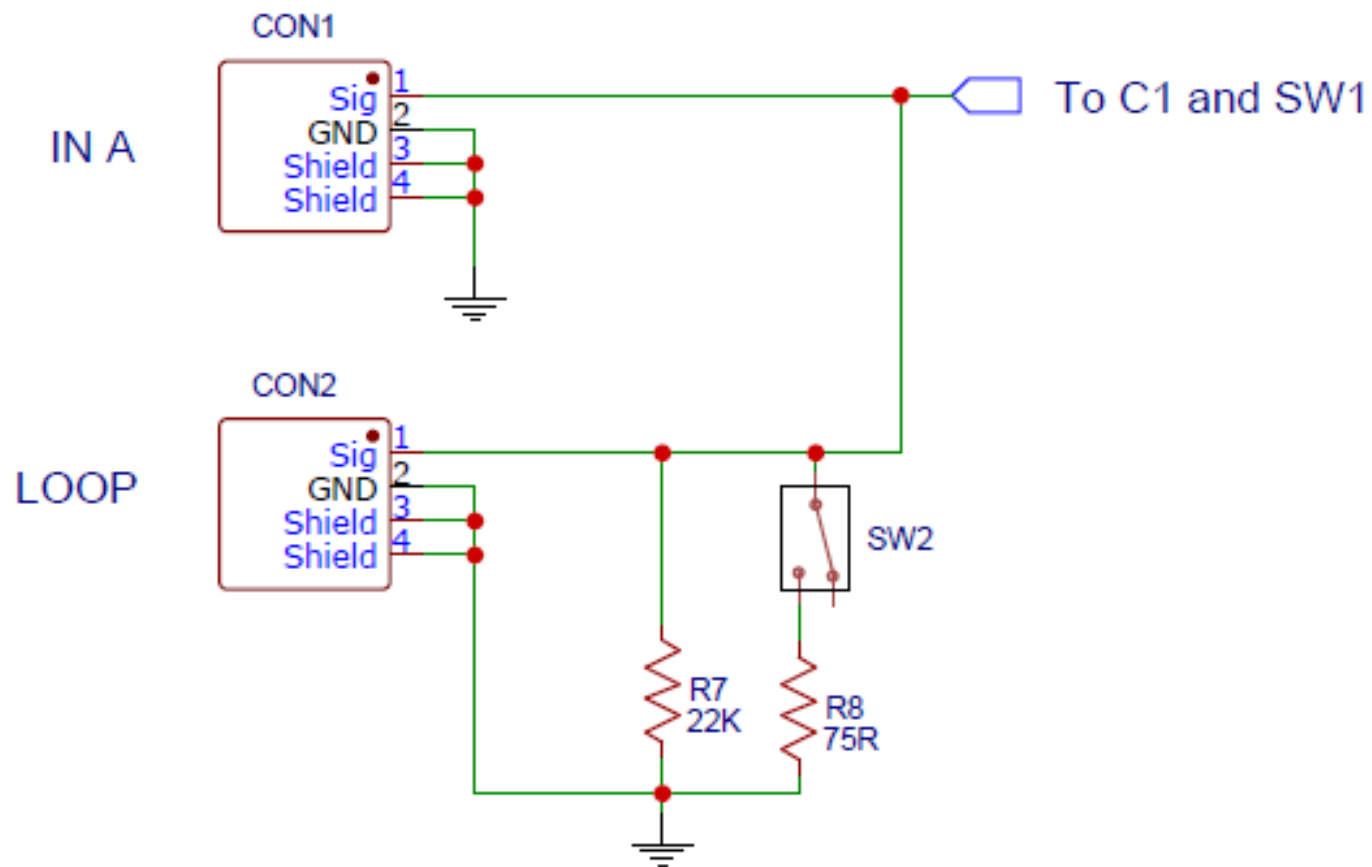


Figure 4. Input to Loop and termination.

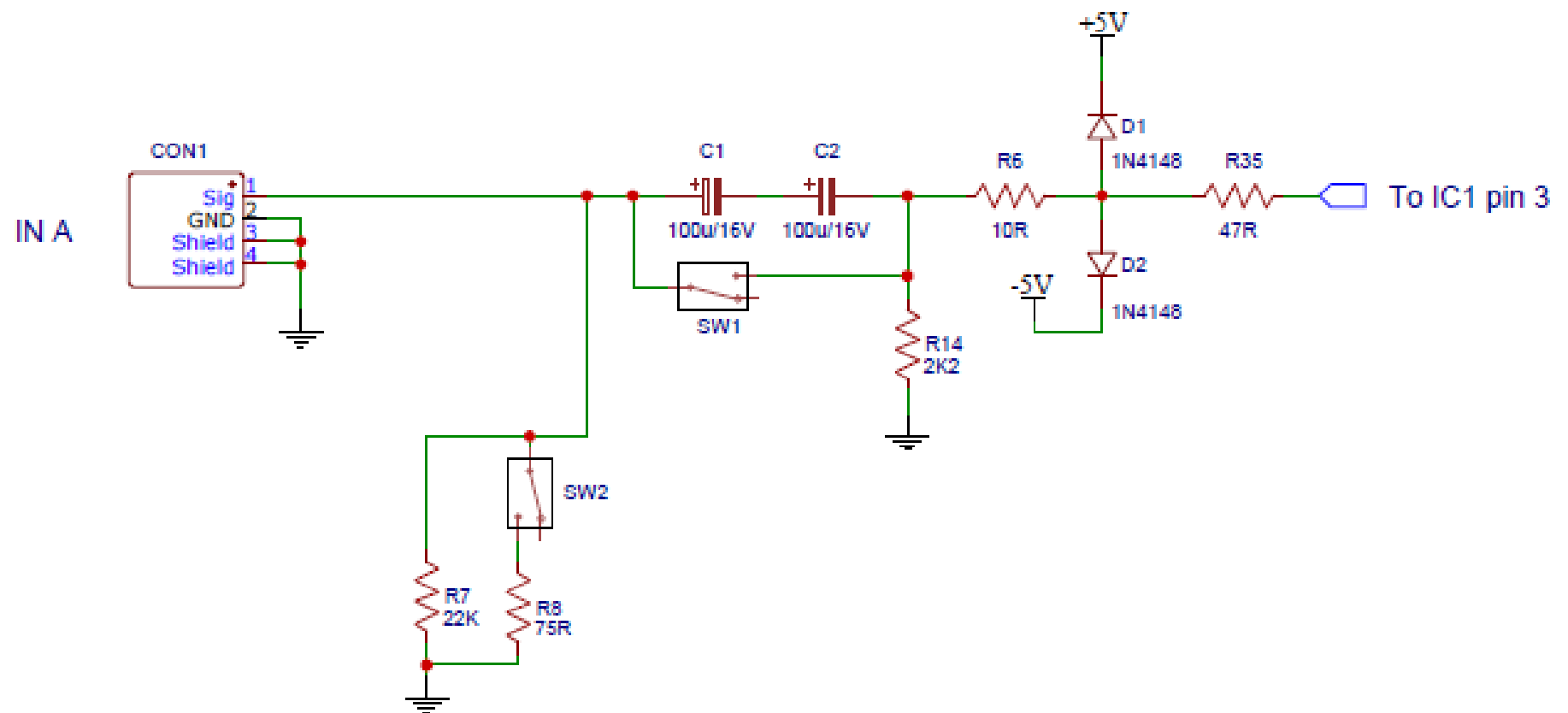


Figure 5. Input circuitry - original

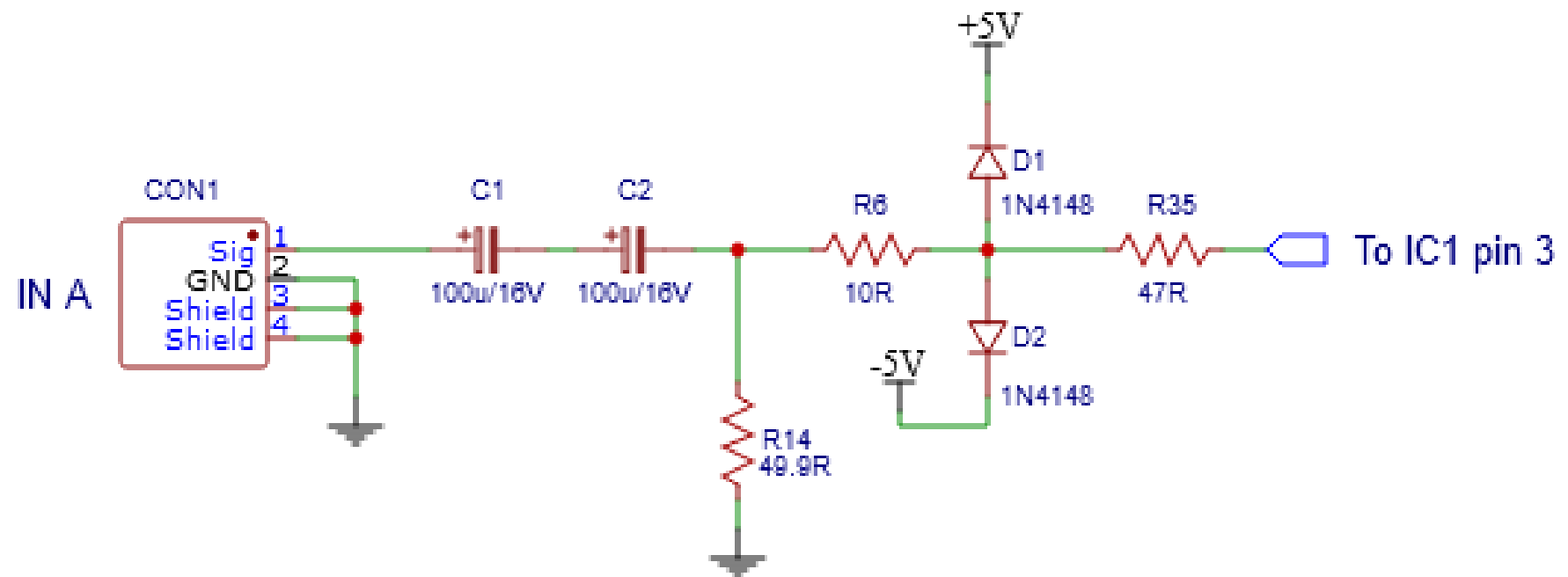


Figure 6. Modified input circuitry

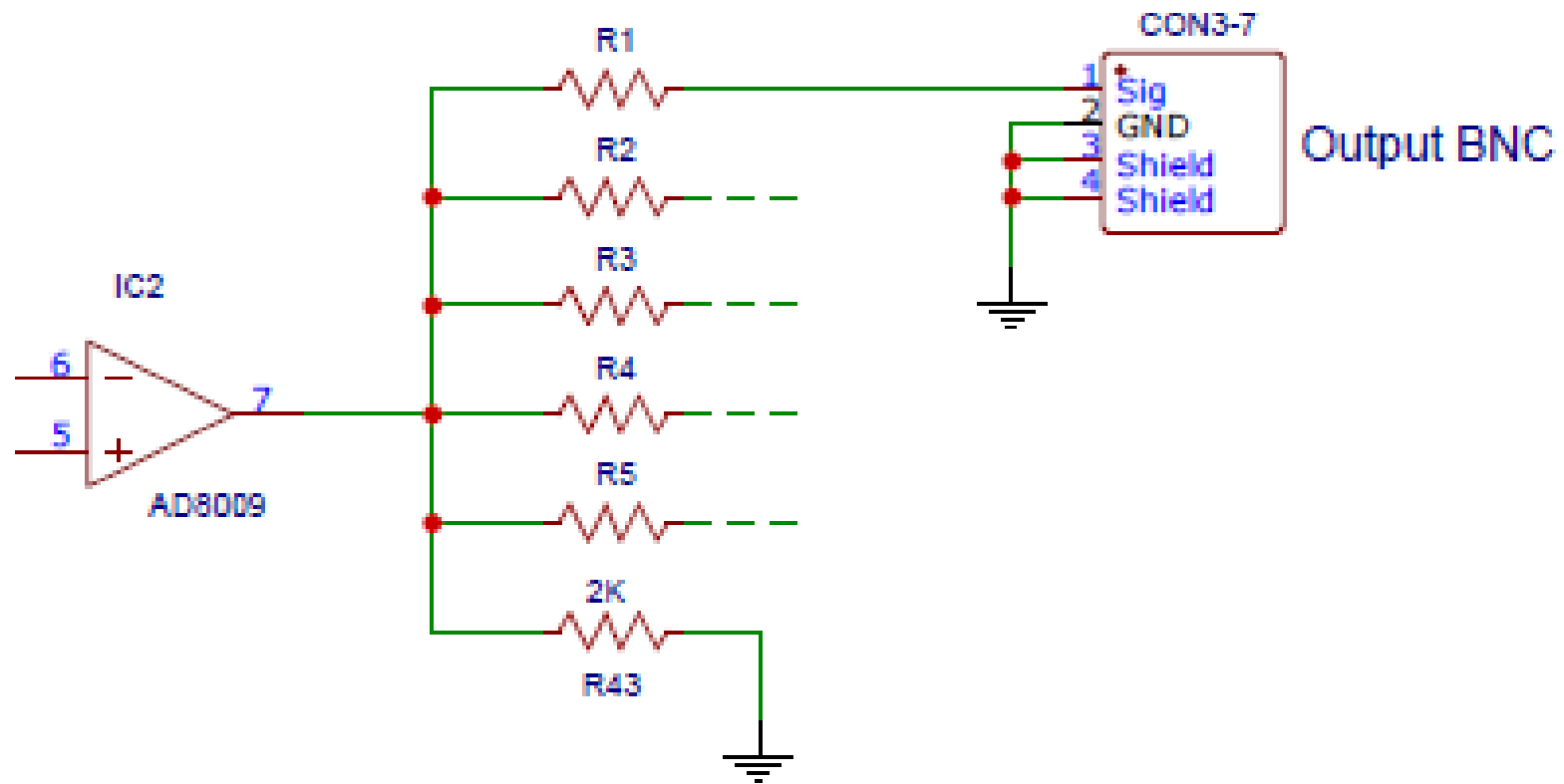


Figure 7. Output circuitry



Figure 8. Front and back view of GPS standard

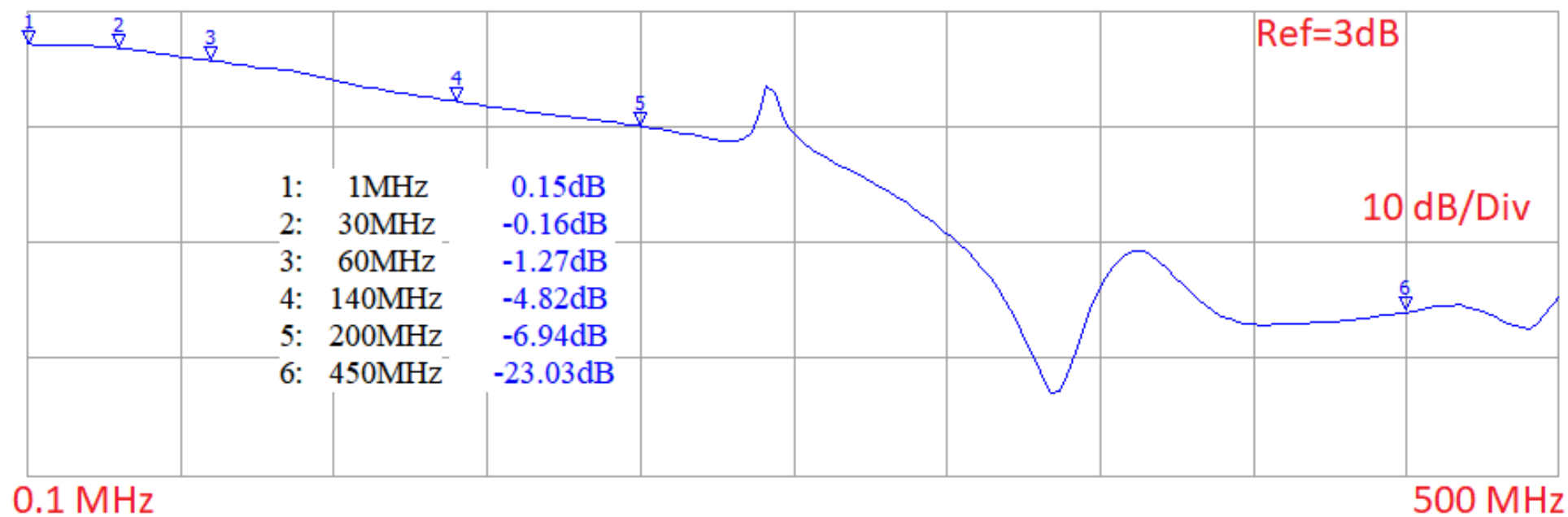


Figure 9. Transmission coefficient - S21

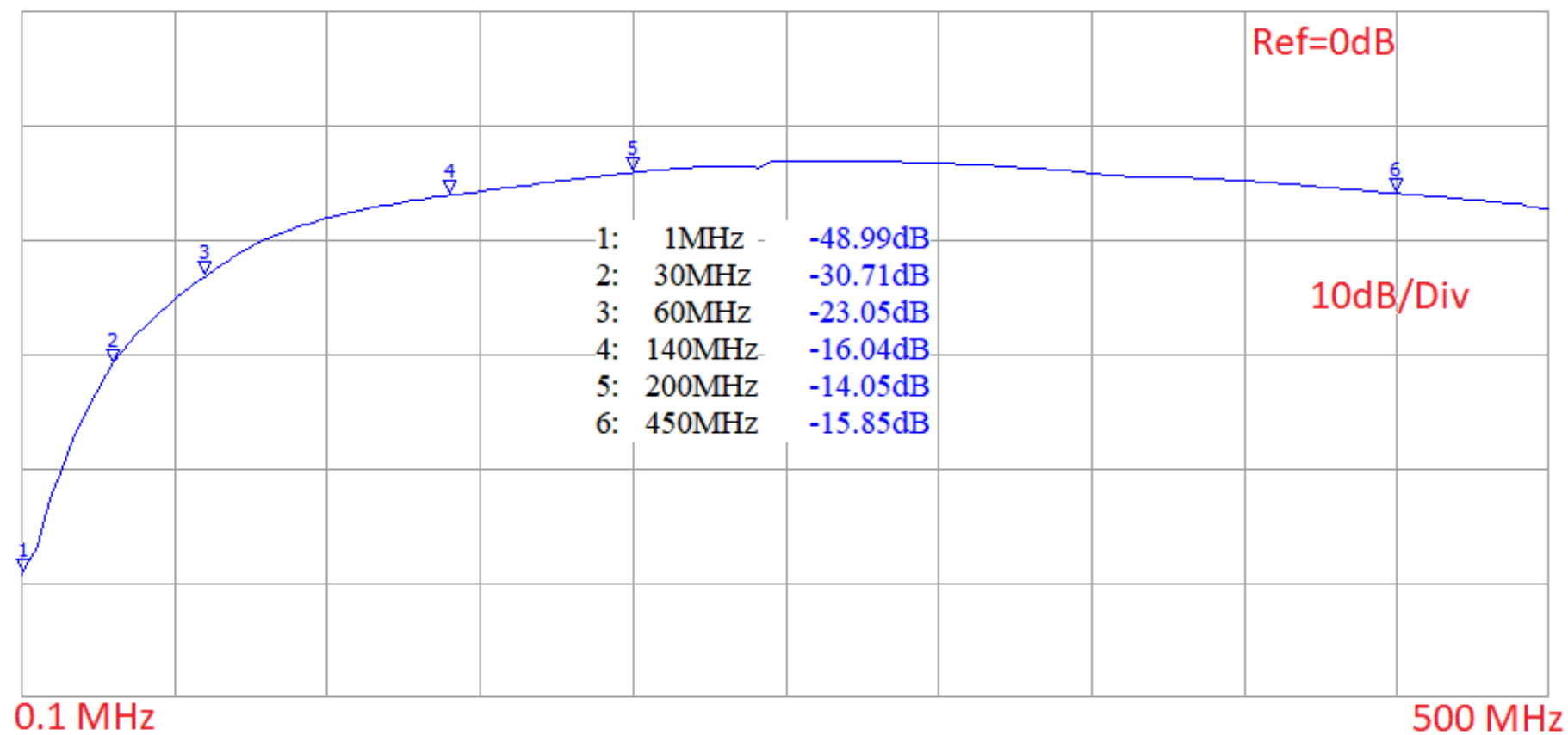


Figure 10. Isolation between outputs on the same channel

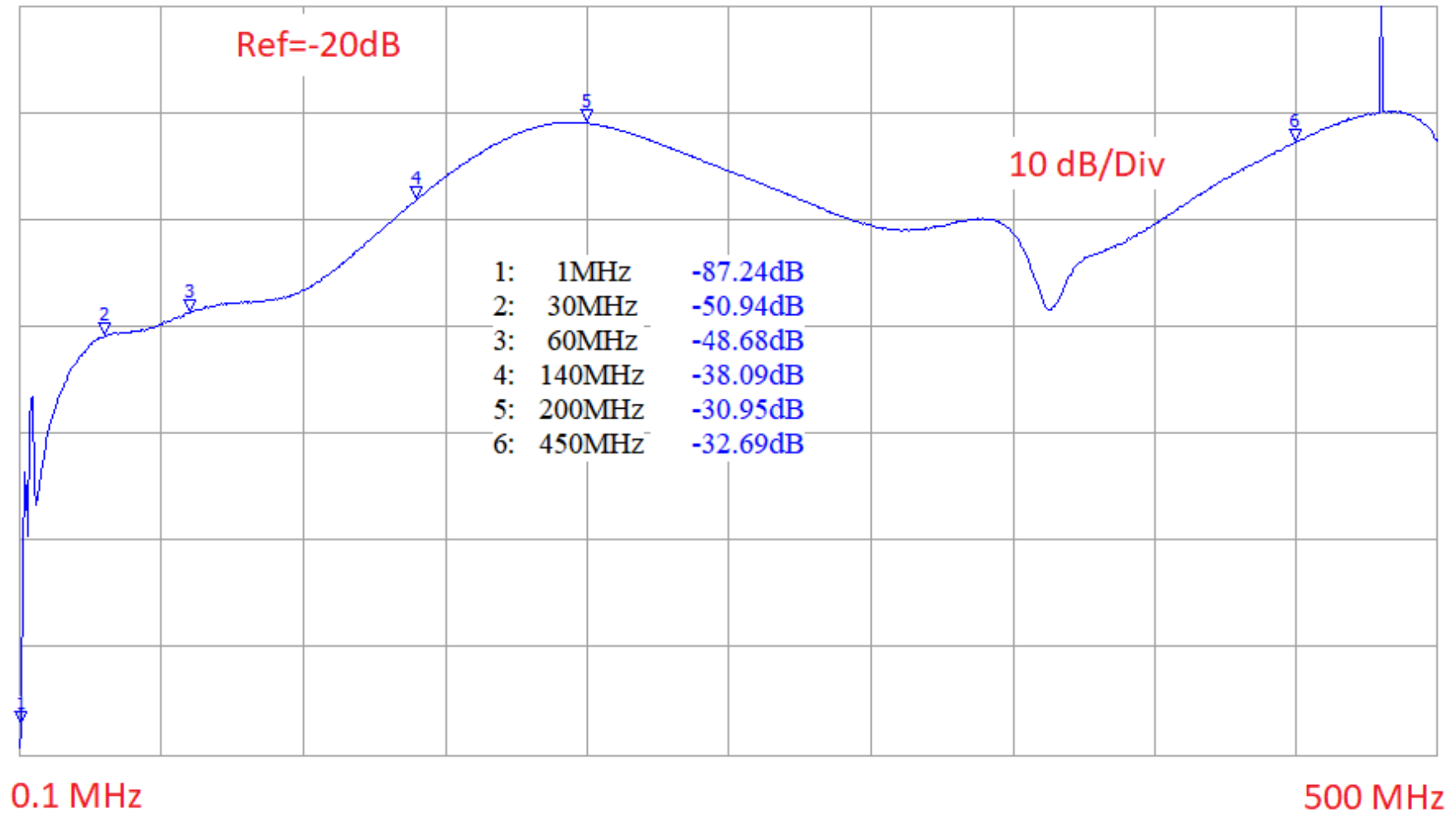


Figure 11. Isolation between outputs on different channels

Ends